ABSTRACT

The present invention relates to expression control sequences of a vertebrate liver fatty acid binding protein (L-FABP) gene that, when operably linked to a reporter (*e.g.*, a heterologous reporter, such as the green fluorescent protein (GFP)), directly express the reporter in a fashion that mimics the liver-specific development of the L-FABP gene in the vertebrate. Also disclosed is transgenic fish, such as a transgenic zebrafish, whose cells comprises at least one genomically integrated copy of a recombinant construct comprising such an expression control sequence, operably linked to a reporter sequence, so that the expression of the reporter is liver-cell specific, both spatially and temporally during development.

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